

ABSTRACT

A paint shaker and motor therefor. A yoke has at a first end a clamp for clamping a paint can and at a second end, is pivotally connected to a linkage assembly that converts the linear motion of a reciprocating linear motor to an arcing motion of the yoke. The motor includes a cylinder and a piston that is spring biased toward an inlet end of the cylinder. Compressed air enters the inlet end and a passageway through the piston for conducting the compressed air to a valve having a displaceable stopper, wherein the compressed air seats the stopper in the valve and thereby closes the valve, so that air pressure moves the piston toward an outlet end of the cylinder. The outlet end of the cylinder includes a projection against which the piston drives the stopper so as to unseat the stopper in the valve and thereby open the valve, permitting the spring bias to return the piston toward the inlet end of the cylinder.

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